



STIC Search Report

EIC 2100

STIC Database Tracking Number: 160678

TO: Jungwon Chang
Location: RND 4D61
Art Unit : 2154
Wednesday, July 27, 2005

Case Serial Number: 09/665368

From: David Holloway
Location: EIC 2100
RND 4B19
Phone: 2-3528

david.holloway@uspto.gov

Search Notes

Dear Examiner Chang,

Attached please find your search results for above-referenced case.
Please contact me if you have any questions or would like a re-focused search.

David

Set	Items	Description
S1	7892	PAPER() (MODEL OR MODELING OR FOLDING) OR ORIGAMI?
S2	8696529	PLAN OR DIAGRAM? OR TEMPLATE?
S3	17852860	PLAN OR PLANS OR PATTERN? OR STENCIL? OR DIAGRAM? OR TEMPL- ATE?
S4	13	S1 (10N)S2 (10N) (INTERNET? OR WWW OR WEBSITE? OR WEBPAGE? OR WEB() (SITE? OR PAGE?) OR WORLDWIDE()WEB)
S5	21	S1(10N)S3(10N) (INTERNET? OR WWW OR WEBSITE? OR WEBPAGE? OR ONLINE OR ON()LINE OR WORLDWIDE()WEB OR WEB() (SITE? OR PAGE?))
S6	16	RD (unique items)
S7	6	S6 NOT PY>1999

? show files

File 275:Gale Group Computer DB(TM) 1983-2005/Jul 27
(c) 2005 The Gale Group

File 47:Gale Group Magazine DB(TM) 1959-2005/Jul 27
(c) 2005 The Gale group

File 75:TGG Management Contents(R) 86-2005/Jul W3
(c) 2005 The Gale Group

File 636:Gale Group Newsletter DB(TM) 1987-2005/Jul 26
(c) 2005 The Gale Group

File 16:Gale Group PROMT(R) 1990-2005/Jul 26
(c) 2005 The Gale Group

File 624:McGraw-Hill Publications 1985-2005/Jul 27
(c) 2005 McGraw-Hill Co. Inc

File 484:Periodical Abs Plustext 1986-2005/Jul W4
(c) 2005 ProQuest

File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

File 141:Readers Guide 1983-2004/Dec
(c) 2005 The HW Wilson Co

File 239:Mathsci 1940-2005/Sep
(c) 2005 American Mathematical Society

File 696:DIALOG Telecom. Newsletters 1995-2005/Jul 27
(c) 2005 The Dialog Corp.

File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
(c) 2005 The HW Wilson Co

File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jul 27
(c) 2005 The Gale Group

File 674:Computer News Fulltext 1989-2005/Jul W3
(c) 2005 IDG Communications

File 88:Gale Group Business A.R.T.S. 1976-2005/Jul 26
(c) 2005 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 635:Business Dateline(R) 1985-2005/Jul 27
(c) 2005 ProQuest Info&Learning

File 15:ABI/Inform(R) 1971-2005/Jul 27
(c) 2005 ProQuest Info&Learning

File 9:Business & Industry(R) Jul/1994-2005/Jul 26
(c) 2005 The Gale Group

File 13:BAMP 2005/Jul W3
(c) 2005 The Gale Group

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 610:Business Wire 1999-2005/Jul 26
(c) 2005 Business Wire.

File 647:CMP Computer Fulltext 1988-2005/Jul W2
(c) 2005 CMP Media, LLC

File 98:General Sci Abs/Full-Text 1984-2004/Dec
(c) 2005 The HW Wilson Co.

File 148:Gale Group Trade & Industry DB 1976-2005/Jul 27
(c) 2005 The Gale Group

File 634:San Jose Mercury Jun 1985-2005/Jul 26
(c) 2005 San Jose Mercury News

File 20:Dialog Global Reporter 1997-2005/Jul 27

7/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05048004 Supplier Number: 47410639 (USE FORMAT 7 FOR FULLTEXT)
Wired for Profit
Kilburn, David
ADWEEK Eastern Edition, p21
May 26, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1348

... a section on how Saturn cares about people and the environment. Web users can download **origami patterns** for making paper models of the cars.

'Using the **Internet** is an integral part of our strategy,' says Keith Wicks, Saturn general manager for Japan...

7/3,K/2 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2005 ProQuest. All rts. reserv.

04048530 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Hiroshima and paper cranes: A technique to deal with death and grief
Davis, Thomas M; Yehieli, Michele
Journal of School Health (IJSH), v68 n9, p384-386, p.3
Nov 1998
ISSN: 0022-4391 JOURNAL CODE: IJSH
DOCUMENT TYPE: Instructional
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1497

TEXT:

... square at perfect 90 degree angles. Directions for folding a paper crane are provided in **Diagram 1**. Few students can learn the art of **origami** through **diagrams** alone. Readers also may view the progress of folding a paper crane via a quick-time movie at the **website** "www.uni.edu/davist".

(Illustration Omitted)

Captioned as: Diagram 1

Facilitating a Follow-up Discussion...

7/3,K/3 (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
(c) 2005 The Dialog Corp. All rts. reserv.

00643509
Case Study Nikolai.com: A Real Marriage of Creativity and Management Savvy

MIN'S NEW MEDIA REPORT
December 7, 1998 VOL: 4 ISSUE: 25 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: PHILLIPS BUSINESS INFORMATION
LANGUAGE: ENGLISH WORD COUNT: 745 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...visually from a world of poorly imagined cartoon personae. Watercolor "analog" paintings are digitized for **online** use. Nikolai.com is an activity book. Interactivity is the point throughout the site, from **origami plans** to animated connect-the-dots

pictures. Individual features can take weeks of design time.
Staffer...

7/3,K/4 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2005 CMP Media, LLC. All rts. reserv.

01111870 CMP ACCESSION NUMBER: HPC19961201S0047
300 Best Web Sites-From art to 'zines, these are the sites you must see.
Editors of HomePC
HOME PC, 1996, n 312, PG161
PUBLICATION DATE: 961201
JOURNAL CODE: HPC LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Features
WORD COUNT: 9022

... jw.stanford.edu/KIDS/) Youngsters can learn about Japanese writing, practice the ancient art of **origami** or enjoy a Japanese folk tale.

National Geographic **Online** (<http://www.nationalgeographic.com>)
Hundreds of new photos, maps, **diagrams** and articles help students understand their world.

NetVet Veterinary Resources (<http://netvet.wustl.edu>) Learn...

7/3,K/5 (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2005 CMP Media, LLC. All rts. reserv.

01088023 CMP ACCESSION NUMBER: NTG19960501S0063
Leisure Time
NETGUIDE 1996 n 305, PG116
PUBLICATION DATE: 960501
JOURNAL CODE: NTG LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: CyberGuide : Your GUIDE to the NET
WORD COUNT: 282

... dragons, winged pigs, and centaurs-see Joseph Wu's brilliant folded paper designs, and download **origami diagrams** in PostScript or Adobe Acrobat file formats.

World Wide Web: <http://www.cs.ubc.ca/spider/jwu/origami.html>

Salon Betty Interactive Paper Doll

Betty isn't your average sweet little paper doll...

7/9,K/1 (Item 1 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05048004 Supplier Number: 47410639 (THIS IS THE FULLTEXT)

Wired for Profit

Kilburn, David

ADWEEK Eastern Edition, p21

May 26, 1997

ISSN: 0199-2864

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1348

TEXT:

Letter from Tokyo

David KILLBURN

It's a wired world in Japan - the country that once looked as if it would miss the digital revolution. New business growth in the high-tech sector is booming. This should provide a powerful shot in the arm for the ad industry, attract technology clients and help foreign marketers reach Japanese customers.

It will also mean big bucks.

Riding a tidal wave of technological optimism, the computer and communications industries increased ad spending in Japan last year to nearly \$2 billion - a 28 percent increase from 1995, compared with less than 7 percent growth across all other industries, notes Dentsu.

What explains the rapid rise? A number of factors. For starters, deregulation, falling prices and new technologies have lured consumers.

Sales of personal computers alone have grown. That market jumped 39 percent in 1996, according to an annual survey by IDC, Japan, and for the second year, Japan was the fastest-growing PC market in Asia. Demand is fueled by growing interest in the Internet and multimedia. 'Interest is spreading from business to home use,' says Kimio Arai, president of Tokyu Agency International. 'That's how the markets for television and video recorders developed here. We can expect the PC and Internet-related markets to develop very quickly from now on.'

In addition, since April 1994, users have been allowed to buy, rather than lease, their phones. In July 1995, a new, cheaper mobile phone service, the PHS, was introduced. PHS phones, despite a limited calling range and the inability to be used in vehicles, were an instant hit. Mobile subscriber numbers have soared as a result - from more than 2 million in March 1994 to an astounding 21 million in March 1997. This year, new phones and a new data service enable mobile phones to connect directly with computers to transmit data.

But rapid growth isn't problem-free, especially for mobile phone makers. Since phones are made to specifications set by the service providers, it has become increasingly difficult to distinguish between phones. 'Though many of the manufacturers are extremely well-known, it's doubtful whether consumers can see much difference between offerings. There is a lot of lazy marketing here,' says Chris Beaumont, McCann-Erickson's chief strategy officer for Asia.

McCann client Nokia, one of the few foreign makers competing in this marketplace, is trying to carve out a niche. Its latest campaign shows how easy it is to use its phones. One TV spot features a ballerina phoning while on stage.

In fact, though Japanese consumers are generally quick to adopt new technologies, growth in PC usership has been slow. Intel Japan estimates that only 15 percent of Japanese homes have a PC, compared with more than 40 percent of homes in the U.S. That 15 percent reality is played out in ads, where the young help their elders come to terms with the technological transformations the computer is bringing. But a degree of hesitation or cyberphobia remains.

'[Western advertising] tends to be function-based; in Japan, the focus is more personal, developing a relationship with the consumer. For example, the recent IBM ThinkPad advertising conveys the sense of personal

empowerment and lifestyle orientation within a framework of mobility. Similarly, the 'We ... Microsoft' print campaign lays the foundation for empowerment, fun and efficiency,' says Beaumont.

Empathy is also important, says Manuel Torres, general manager of marketing for Intel Japan. 'In Japan, the target market for technology is just about everyone. Compared to most Asian countries, a PC in Japan is very affordable.'

Indeed, the rising PC penetration in Japan is good news for advertisers: The Internet is a new, important marketing tool. Dentsu and Hakuhodo, Japan's two largest agencies, are developing the Web as a Japanese advertising medium. Dentsu subsidiary Cyber Communications has teamed up with Yahoo! in Japan to sell ads. Hakuhodo has formed the Digital Advertising Consortium, together with four other shops - Asatsu, Yomiuri Advertising, Dai Ichi Kikaku and I&S - to sell Infoseek Japan. But advertising on the Net is still a small business, worth only about \$14 million last year, and won't reach U.S. Web revenue levels, says Hidenori Tanaka, manager of Dentsu's Digital Communications Division.

The real impact of the Web's marketing is creating sites that reach Japanese consumers. Last November, some four months before using traditional media to launch its new car, Saturn Japan opened a Web site: www.saturnjapan.com. The bilingual site was developed by Dai Ichi Kikaku, Saturn's agency in Japan. It includes all the latest news about the company, its cars, history, philosophy and retailer locations, as well as a section on how Saturn cares about people and the environment. Web users can download **origami patterns** for making paper models of the cars.

'Using the **Internet** is an integral part of our strategy,' says Keith Wicks, Saturn general manager for Japan. 'The Web will become more important to us down the line. Japan is still behind the curve from a U.S. standpoint.' Because Saturn's prospective customers are younger than the typical Japanese new car buyer, Web advertising is a key way to reach this crucial demographic.

General Motors' Opel Japan was the Internet trailblazer for automakers in Japan. In December 1994, it opened its Web site - www.opel.co.jp. This was the first time any car maker had used the Web in Japan.

'The Web's interactivity enables us to relate to customers and prospective purchasers in ways impossible in traditional media,' says Opel spokesman George Hansen, who claims the site gets up to 100,000 hits a day. Opel coordinated the site, working with McCann-Erickson, Tokyu Agency International, and a number of Web design boutiques.

Dentsu, Hakuhodo and Dai Ichi Kikaku are the agencies most active on the Web. But while the two giants work mainly with their Japanese clients, Dai Ichi Kikaku has also successfully integrated Web sites into brand strategies for a number of their international clients: Warner-Lambert (Clorets), Bristol-Myers Squibb (Sea Breeze), Freixenet (Spanish wine), and Mercury Investment Trust Management. Japanese advertisers who used to see the Web as a good place to put company brochures, annual reports and press releases are now exploring how interactivity can put them in direct contact with consumers. Working with Hakuhodo, Hitachi recently launched a new digital camera, designed for Web makers, using a Web site and magazine advertisements to publicize the URL: mpeg.hitachi.co.jp/planet. A corresponding English site can be found at: www.MPEGCam.net.

In fact, most of the launch budget for the digital camera was spent on the Web rather than on traditional media. 'It was the first time we've launched in this way, and I guess it won't be the last,' says Jin Wakamatsu, producer of Hakuhodo's cybermedia department.

'Within a few years, Web use will be almost universal,' predicts Wakamatsu. 'Web technologies will be an integral part of new generations of TVs, video recorders and other appliances. Consumers will be able to turn on their TV and not know whether they are receiving a traditional broadcast or surfing the Web. And the prospect of selling Web TVs and other Web appliances worldwide lends promise to another new business growth.'

Sony, which is actively pursuing its own digital dreams, believes a new breed of agency in Japan will accompany Web use. As such, on May 1, Sony bought 94 percent of the \$240 million Tokyo agency, Tokyu Agency International, which currently handles one-third of its Japanese business,

and installed its own management team. The remaining 6 percent is held, at Sony's request, by Tokyu Corp., the agency founders and previous majority shareholders.

Relaunching the agency as Intervision, Sony president Nobuyuki Idei says, 'The media and marketing environments in Japan are changing. Digital satellite broadcasting, the Internet, software and games are all examples of this. While continuing its existing activities, Intervision will also explore the new technologies and new approaches to advertising. It will be a new kind of agency. It won't be a 'house agency.'

'Sony's global operational network, hardware and software capabilities are all being made available to the agency as it explores new frontiers,' says Idei.

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Set	Items	Description
S1	909	PAPER() (MODEL OR MODELING OR FOLDING) OR ORIGAMI?
S2	1040783	PLAN OR DIAGRAM? OR TEMPLATE?
S3	392881	ONLINE? OR INTERNET? OR SERVER? OR FTP OR DOWNLOAD? OR RET- RIEV? OR FETCH?
S4	3046580	PRINT? OR OUTPUT? OR OUT().PUT
S5	1	S1 AND S2 AND S3 AND S4
S6	1	S1 AND S2 AND (INTERNET? OR WWW OR WEBSITE? OR WEBPAGE? OR WEB() (SITE? OR PAGE?) OR WORLDWIDE()WEB)
S7	1	S1 AND S2 AND S3
S8	6	S1 AND S3
S9	6	S5:S8
S10	6	IDPAT (sorted in duplicate/non-duplicate order)
S11	6	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)
(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200547
(c) 2005 Thomson Derwent

11/5/5 (Item 5 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

06228389 **Image available**
METHOD FOR DEVELOPING SHEET METAL MODEL IN SHEET METAL CAD/CAM SYSTEM

PUB. NO.: 11-169952 [JP 11169952 A]
PUBLISHED: June 29, 1999 (19990629)
INVENTOR(s): YAMADA SATOSHI
APPLICANT(s): AMADA CO LTD
APPL. NO.: 09-336068 [JP 97336068]
FILED: December 05, 1997 (19971205)
INTL CLASS: B21D-005/01; G06F-017/50

ABSTRACT

PROBLEM TO BE SOLVED: To unnecessitate troublesome inputting operation by an operator and to directly develop a sheet metal model by referring to the sheet metal model showing the geometrical shape of a sheet metal product and performing a developing treatment containing a sheet metal part recognition, intermediate surface preparation, bending recognition, obtainment of elongation value, **retrieval** of connecting condition between surfaces, developing shape calculation, etc., in order.

SOLUTION: A sheet metal model automatic developing device 29 in a sheet metal CAD/ CAM system 1, reads out the sheet metal model in the form of data base stored in a **paper model** /sheet metal model storing device 17. A sheet thickness recognition treatment for recognizing by separating each of one pair of general surfaces mutually faced while interposing the sheet thickness part from the sheet thickness face is performed by referring to the sheet thickness dimension of the sheet metal model showing the geometric shape. Successively, the intermediate surface preparing treatment for preparing the intermediate surface whose sheet thickness component is removed, is performed, and in the intermediate surface, the recognizing treatment to the bending surface as bending object is executed, etc., and finally, the whole development becoming one closed route in the outer circumference is performed to complete the treatment.

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Set	Items	Description
S1	6811	ORIGAMI? OR PAPER() (FOLD? OR MODEL?)
S2	6883972	DOWNLOAD? OR ONLINE? OR ON()LINE? OR SERVER? OR FTP OR
INT-		ERNET?
S3	10564588	PLAN OR PLANS OR DIAGRAM? OR DATABASE?
S4	65	S1 AND S2 (2N)S3
S5	25	S4 NOT PY>1999
S6	19	RD (unique items)

File 47:Gale Group Magazine DB(TM) 1959-2005/Jul 27
(c) 2005 The Gale group

File 20:Dialog Global Reporter 1997-2005/Jul 27
(c) 2005 The Dialog Corp.

File 636:Gale Group Newsletter DB(TM) 1987-2005/Jul 26
(c) 2005 The Gale Group

File 16:Gale Group PROMT(R) 1990-2005/Jul 26
(c) 2005 The Gale Group

File 624:McGraw-Hill Publications 1985-2005/Jul 27
(c) 2005 McGraw-Hill Co. Inc

***File 624: Homeland Security & Defense and 9 Platt energy journals added**
Please see HELP NEWS624 for more

File 484:Periodical Abs Plustext 1986-2005/Jul W3
(c) 2005 ProQuest

***File 484: SELECT IMAGE AVAILABILITY FOR PROQUEST FILES**
ENTER 'HELP PROQUEST' FOR MORE

File 141:Readers Guide 1983-2004/Dec
(c) 2005 The HW Wilson Co

File 88:Gale Group Business A.R.T.S. 1976-2005/Jul 26
(c) 2005 The Gale Group

File 1:ERIC 1966-2004/Jul 21
(c) format only 2004 The Dialog Corporation

***File 1: Updates suspended by ERIC until**
Q3, 2005

File 179:Architecture DB 1987-2005/May
(c) 2005 Royal Inst. of Brit. Architects

File 439:Arts&Humanities Search(R) 1980-2005/Jul W3
(c) 2005 Inst for Sci Info

6/3,K/15 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06057253 Supplier Number: 54466899 (USE FORMAT 7 FOR FULLTEXT)

SECTION 3: PREPRESS ELECTRONIC IMAGING.

Printing Impressions, v41, n2, p148(1)

July, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 23908

... and locates files from Mac OS and Microsoft Windows workstations,
while running any ODBC-compliant **database** from the **server** platform.

Circle 1737 on Info Card

WAM!NET

WAM!BASE is an on-line, remote...Ultimate Technographics

Impostrip for UNIX, Sun, Windows/NT and Macintosh, utilizes an
intelligent folding module, **Origami**, to determine page sequence and
direction based on the operator's full-color, on-screen...

...learn imposition solution. Automatic calculation of master layouts up to
222x292 with Best Fit and **Origami**, the electronic folding utility. Job
Control Bar walks users through required steps. Use standard library...

11/9,K/7 (Item 2 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2005 The Gale Group. All rts. reserv.

04095579 SUPPLIER NUMBER: 18880776
More origami solids.(computer simulations for origami)
Glassner, Andrew
IEEE Computer Graphics and Applications, v16, n5, p81(5)
Sep, 1996
ISSN: 0272-1716 LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT: Computer simulations, using unit origami techniques, have been created for three Archimedean solids that are equal mixtures of pairs of Platonic solids. The diagrams can be made with the help of a computer-aided drafting program which reads an origami notation and produces a 3D geometry file of the result, or otherwise, creates folding **diagrams** using the same information. The **paper - folding** techniques for the three solids, cuboctahedron, tetrahedron/tetrahedron dual, and icosadodecahedron, have been described.

DESCRIPTORS: Origami--Models; Computer simulation--Usage
SPECIAL FEATURES: illustration; photograph; chart
FILE SEGMENT: AI File 88

...ABSTRACT: origami notation and produces a 3D geometry file of the result, or otherwise, creates folding **diagrams** using the same information. The **paper - folding** techniques for the three solids, cuboctahedron, te

Set	Items	Description
S1	1561	PAPER() (MODEL OR MODELING OR FOLDING) OR ORIGAMI?
S2	1307681	PLAN OR DIAGRAM? OR TEMPLATE?
S3	1069424	ONLINE? OR INTERNET? OR SERVER? OR FTP OR DOWNLOAD? OR RET- RIEV? OR FETCH?
S4	1374425	PRINT? OR OUTPUT? OR OUT()PUT
S5	1	S1 AND S2 AND S3 AND S4
S6	3	S1 AND S2 AND (INTERNET? OR WWW OR WEBSITE? OR WEBPAGE? OR WEB() (SITE? OR PAGE?) OR WORLDWIDE()WEB)
S7	5	S1 AND S2 AND S3
S8	24	S1 AND S3
S9	24	S5:S8
S10	21	RD (unique items)
S11	10	S10 NOT PY>1999
File	8:EI	Compendex(R) 1970-2005/Jul W3 (c) 2005 Elsevier Eng. Info. Inc.
File	35:	Dissertation Abs Online 1861-2005/Jun (c) 2005 ProQuest Info&Learning
File	65:	Inside Conferences 1993-2005/Jul W4 (c) 2005 BLDSC all rts. reserv.
File	2:	INSPEC 1969-2005/Jul W3 (c) 2005 Institution of Electrical Engineers
File	94:	JICST-EPlus 1985-2005/Jun W1 (c) 2005 Japan Science and Tech Corp(JST)
File	111:	TGG Natl.Newspaper Index(SM) 1979-2005/Jul 26 (c) 2005 The Gale Group
File	6:	NTIS 1964-2005/Jul W3 (c) 2005 NTIS, Intl Cpyrght All Rights Res
File	144:	Pascal 1973-2005/Jul W3 (c) 2005 INIST/CNRS
File	434:	SciSearch(R) Cited Ref Sci 1974-1989/Dec (c) 1998 Inst for Sci Info
File	34:	SciSearch(R) Cited Ref Sci 1990-2005/Jul W3 (c) 2005 Inst for Sci Info
File	62:	SPIN(R) 1975-2005/May W3 (c) 2005 American Institute of Physics
File	99:	Wilson Appl. Sci & Tech Abs 1983-2005/Jun (c) 2005 The HW Wilson Co.
File	95:	TEME-Technology & Management 1989-2005/Jun W3 (c) 2005 FIZ TECHNIK

11/5/1 (Item 1 from file: 8)
DIALOG(R) File 8: Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04426319 E.I. No: EIP96063215294

Title: **Computational algorithm for origami design**

Author: Lang, Robert J.

Corporate Source: Pleasanton, CA, USA

Conference Title: Proceedings of the 1996 12th Annual Symposium on Computational Geometry

Conference Location: Philadelphia, PA, USA Conference Date: 19960524-19960526

Sponsor: ACM

E.I. Conference No.: 44788

Source: Proceedings of the Annual Symposium on Computational Geometry 1996. ACM, New York, NY, USA. p 98-105

Publication Year: 1996

CODEN: PACGET

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications); T; (Theoretical)

Journal Announcement: 9608W2

Abstract: A complete algorithm is presented for the first time for the design of an arbitrary **origami** figure, specifically, for the solution of a crease pattern that folds flat into a base with any desired number of flaps of arbitrary length. The algorithm is based on a set of mathematical conditions on the mapping between the crease pattern and a tree graph representing the base. The algorithm is illustrated by applying it in a computer program written in C plus plus that is available on the **Internet**. With this algorithm, one can compute the crease pattern for **origami** designs of unprecedented complexity and sophistication. 21 Refs.

Descriptors: *Algorithms; Computational geometry; Computational complexity; Mathematical techniques; Trees (mathematics); Graph theory; C (programming language); Computational methods; Optimization; Constraint theory

Identifiers: **Origami** design; Crease pattern; Multipointed base; Technical folding; Flaps; **Internet**; Base; Polygon; Flat foldable pattern

Classification Codes:

723.1.1 (Computer Programming Languages)

723.1 (Computer Programming); 723.5 (Computer Applications); 921.4 (Combinatorial Mathematics, Includes Graph Theory, Set Theory); 921.6 (Numerical Methods)

723 (Computer Software); 921 (Applied Mathematics)

72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS)

11/5/3 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5999880 INSPEC Abstract Number: C9809-6130B-092

Title: Origami , folding paper over the Web

Author(s): Kishi, N.; Fujii, Y.

Author Affiliation: Dept. of Math. & Comput. Sci., Tsuda Coll., Tokyo, Japan

Conference Title: Proceedings. 3rd Asia Pacific Computer Human Interaction (Cat. No.98EX110) p.337-42

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 1998 **Country of Publication:** USA xviii+474 pp.

ISBN: 0 8186 8347 3 **Material Identity Number:** XX98-02051

U.S. Copyright Clearance Center Code: 0 8186 8347 3/98/\$10.00

Conference Title: Proceedings of Asia-Pacific Computer Human Interaction 1998 Meeting

Conference Sponsor: Inf. Process. Soc. Japan (IPSJ); ACM Japan Chapter; British HCI Group (UK); CHISIGNZ (New Zealand); Ergonomics Soc. Singapore (ESS); Graduate Univ. Adv. Studies; IEICE of Japan; IFIP; Japan Ergonomics Soc. (JES); Japan Psychol. Assoc.; Japanese Soc. Artificial Intelligence; Japan Soc. Software Sci. & Technol. (JSSST); Japanese Soc. Sci. Design; Japanese Cognitive Soc.; Joint Conference on Educ. Technol. (JCET); Soc. Instrum. & Control Eng. (SICE); Southeast Asian Ergonomics Soc. (SEAES); Univ. Malaysia Sarawak (UNIMAS) (Malaysia)

Conference Date: 15-17 July 1998 **Conference Location:** Shonan Village Center, Japan

Language: English **Document Type:** Conference Paper (PA)

Treatment: Practical (P)

Abstract: **Origami** , paperfolding, is a traditional Japanese art of folding paper into representation of 3-D figures. In general, it is quite difficult to learn **origami** from 2-D images such as **diagrams** and videos, because it requires inference of 3-D models from 2-D images. We are developing a system for folding **origami** over the Web, by designing a model of an **origami** folding process and by implementing a client- **server** system. Our system consists of three parts: the **origami** editor, **origami server** and **origami** browser. The **origami** editor enables the user to create and edit **origami** projects, which are sequences of **origami** states and folding methods. The **origami server** receives the input data from the editor and generates a VRML 2.0 data stream, which represents a transition between two **origami** states. The VRML 2.0 data stream is then displayed by the **origami** browser, or a VRML 2.0 browser, as a 3-D **origami** figure in motion. (4 Refs)

Subfile: C

Descriptors: client- **server** systems; computer animation; **Internet** ; solid modelling; user interfaces; virtual reality

Identifiers: **origami** editor; paperfolding; Japanese art; 3D figure representation; 2D images; **diagrams** ; World Wide Web; client- **server** system; **origami server** ; **origami** browser; VRML; animation

Class Codes: C6130B (Graphics techniques); C7820 (Humanities computing); C6180 (User interfaces); C6150N (Distributed systems software)

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03185963 JICST ACCESSION NUMBER: 97A0629192 FILE SEGMENT: JICST-E
Origami **Browser Using VRML on the Web.**
FUJII YURIKO (1); KISHI NOBUKO (1)
(1) Tsuda Coll.
Joho Shori Gakkai Kenkyu Hokoku, 1997, VOL.97,NO.43(HI-72), PAGE.19-24,
FIG.3, REF.4

JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072
UNIVERSAL DECIMAL CLASSIFICATION: 681.3:621.397.3 681.51:007.51
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

ABSTRACT: **Origami** , **paper folding** , is hard to learn from **diagrams**
and videos, because it is necessary to infer 3-D models from 2-D
images. To overcome these drawbacks, we are developing a system for
learning **origami** on the Web. The system contains an **origami**
browser, an **origami** editor, and an **origami** archiver, which manages
a collection of folding methods. It also uses a VRML 2.0 browser as 3-D
animation **output** media. This article describes the **origami** browser
in the system, focusing on how folding methods are stored, and how
these methods are converted to 3-D animation in VRML 2.0. (author
abst.)

DESCRIPTORS: computer animation; user interface; pleasure; paper; display
device; data representation; three dimension; computer network;
protocol; space; **internet** ; virtual space

BROADER DESCRIPTORS: animation; image technology; technology; computer
graphics; computer application; utilization; interface; equipment;
representation; dimension; communication network; information network;
network; rule

CLASSIFICATION CODE(S): JE04010I; IB03000G

11/5/8 (Item 2 from file: 94)
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00660691 JICST ACCESSION NUMBER: 88A0445426 FILE SEGMENT: JICST-E
Large size paper folder for FX3080.

DOBASHI KENJI (1); HARA AKIHIKO (1); ISHINO MASAHIRO (1)

(1) Fuji Xerox Co., Ltd.

Fuji Xerox Tech Rep, 1988, NO.3, PAGE.99-103, FIG.7, TBL.3

JOURNAL NUMBER: X0247AAU ISSN NO: 0912-0424

UNIVERSAL DECIMAL CLASSIFICATION: 686.1

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

ABSTRACT: This large size **paper folding** product was developed to facilitate drawing issue operation by automating copying, stamping and **paper folding** while **online** to a FX3080 which is a PPC for 1-15Km monthly copy volume market and has 5 sheets/minute speed for A0(maximum) size. This product is characterized by **online** connection to the processor, sufficient application of folding pattern and compact machine design. (author abst.)

DESCRIPTORS: copying machine; drawing(**diagram**); large type; folding machine; **online** system; improvement of efficiency; specification; structure; principle

BROADER DESCRIPTORS: machinery; **diagram** and table; type; system; modification

CLASSIFICATION CODE(S): ZA05060W

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L17	22	origami and (g06f\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/27 13:38
L20	61576	"229"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/27 13:42
L21	75	20 and (internet online world adj wide adj web)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/27 13:43



Creation date: 08-19-2005
Indexing Officer: MZHOU - MEI ZHOU
Team: OIPEBackFileScanning
Dossier: 09665368

Legal Date: 07-26-2005

No.	Doccode	Number of pages
1	SRNT	14

Total number of pages: 14

Remarks:

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